

Rabbit SLC37A4 Polyclonal Antibody | anti-SLC37A4 antibody

SLC37A4 antibody - middle region

CATALOG # AAA199318	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

SLC37A4; Polyclonal Antibody; SLC37A4 antibody - middle region; anti-SLC37A4 antibody

PRODUCT SPECIFICATIONS

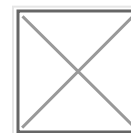
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VS FLCLLIHNE PADVGLRNLD PMPSEGKKGS LKEESTLQEL LLSPYLWV
Sequence Length	429
Applicable Applications for anti-SLC37A4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 86%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 86%; Rabbit: 86%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC37A4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



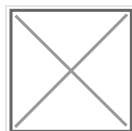
WB (Western Blot)

WB Suggested Anti-SLC37A4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: OVCAR-3 cell lysate
SLC37A4 is supported by BioGPS gene expression data to be expressed in OVCAR3



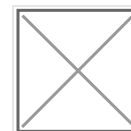
WB (Western Blot)

Host: Rabbit
Target Name: SLC37A4
Sample Type: Human Fetal Liver
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit
Target Name: SLC37A4
Sample Type: Human Fetal Kidney
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-SLC37A4 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
Observed Staining: Cytoplasm in hepatocytes, weak signal, low tissue distribution
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC37A4 antibody	This is a rabbit polyclonal antibody against SLC37A4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SLC37A4 transports glucose-6-phosphate from the cytoplasm to the lumen of the endoplasmic reticulum. It forms with glucose-6-phosphatase the complex responsible for glucose production through glycogenolysis and gluconeogenesis. Hence, it plays a central role in homeostatic regulation of blood glucose levels.
Product Categories/Family for anti-SLC37A4 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503847
NCBI GeneID	2542
NCBI Accession #	NP_001458
NCBI GenBank Nucleotide #	NM_001467
UniProt Accession #	O43826
Molecular Weight	46kDa
NCBI Official Full Name	glucose-6-phosphate exchanger SLC37A4 isoform 1
NCBI Official Synonym Full Names	solute carrier family 37 member 4
NCBI Official Symbol	SLC37A4
NCBI Official Synonym Symbols	G6PT1; G6PT2; G6PT3; GSD1b; GSD1c; GSD1d; TRG19; TRG-19; PRO0685
NCBI Protein Information	glucose-6-phosphate exchanger SLC37A4
UniProt Protein Name	Glucose-6-phosphate translocase
UniProt Gene Name	SLC37A4
UniProt Synonym Gene Names	G6PT; G6PT1; PRO0685; TRG19; TRG-19
UniProt Entry Name	G6PT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc37a4-antibody-western-blot-immunohistochemistry-elisa/199318>